

Abstract

An apparatus for capturing and storing medical emergency information under the adverse circumstances of the emergency scene, without relying on multiple computers and remote communications for support during use. To accomplish data capture and storage, use of a single ruggedized hand held computer with a graphical user interface employing a touch sensitive display screen, and pen stylus for simplifying documentation of patient demographic, history and medications data, focal patient complaints and problems, vital signs, physical exam findings, medication administration, routes and quantities, motorized vehicle crash history, case disposition, emergency crew, and case review and notes. Collection of focal patient complaints and problems is simplified through a body graphical user interface. Easily accessed reference databases for drugs and protocols support the emergency medical technician. Handwriting recognition, signature capture and numerical data entry enable obtaining of necessary crew and patient signatures and other data, including patient refusal of care. Through the use of a variety of secure communication interfaces, printing or transfer of all data collected is provided to other systems. Full compliance with NHTSA and Utstein minimal data reporting set requirements.